

WEST Search History

DATE: Saturday, June 24, 2006

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<input type="checkbox"/>	L1	6107032.pn.	3
<input type="checkbox"/>	L2	mcGall-g\$.in.	196
<input type="checkbox"/>	L3	L2 and (array or oligonucleotide array)	171
<input type="checkbox"/>	L4	L3 and solid support	108
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<input type="checkbox"/>	L8	L7 same (solid support or support or matrix or surface or solid surface)	460633
<input type="checkbox"/>	L9	L8 and (function\$ near group)	14567
<input type="checkbox"/>	L10	L9 and (activat\$ nucleotide)	147
<input type="checkbox"/>	L11	L9 and (activat\$ nucleotide or phosphoramidite)	2192
<input type="checkbox"/>	L12	L11 and (dicyanoimidazole or tetrazole or ethylthiotetrazole or pyridinium trifluoroacetate)	427
<input type="checkbox"/>	L13	L12 and (photo-protecting group)	4
<input type="checkbox"/>	L14	L12 and (photo-protect\$ group)	4
<input type="checkbox"/>	L15	L12 and (NVOC or MeNPOC or MeNVOC or NPOC)	89
<input type="checkbox"/>	L16	L15 and ethylthiotetrazole	1
<input type="checkbox"/>	L17	L12 and ethylthiotetrazole	14
<input type="checkbox"/>	L18	L12 and (different near oligo\$)	166
<input type="checkbox"/>	L19	L18 and ethylthiotetrazole	4
<input type="checkbox"/>	L20	5143854.pn. or 6429275.pn. or 6410675.pn. or 6307042.pn. or 5959098.pn.	9
<input type="checkbox"/>	L21	5919523.pn. or 5384261.pn. or 6050193.pn. or 4517338.pn. or 4562157.pn. or 4762881.pn. or 3849137.pn. or 4631211.pn.	16
<input type="checkbox"/>	L22	(l20 or l21) and (oligonucleotide array)	4
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<input type="checkbox"/>	L24	(l20 or l21) and (activat\$ near nucleotide)	2
<input type="checkbox"/>	L25	(l20 or l21) and (function\$ near group)	14
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L2: Entry **Full [FULL]**

File: USPT

Jul 6, 1999

DOCUMENT-IDENTIFIER: US 5919523 A

**** See image Font Certificate of Correction ****

TITLE: Derivatization of solid supports and methods for oligomer synthesis

Classification - [CLS]

Detailed Description (107):

In one group of embodiments, the oligomer produced is an oligonucleotide. As noted above, FIG. 16 illustrates the method for oligonucleotide synthesis. While this Figure illustrates the use of phosphoramidite chemistry for monomer coupling, monomers can be added to the growing oligomer using H-phosphonate methods or other coupling methods known to those of skill in the art. Additionally, the photolabile protecting group which is illustrated (MeNPOC) can be replaced with another photolabile protecting group such as NVOC, or those photolabile protecting groups described in co-pending application PCT/US93/10162 (filed Oct. 22, 1993) and previously incorporated herein by reference. Once the chemically-removable protecting group has been removed, a photolabile protecting group can be added using a mixed anhydride of the protecting group.

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